

ABSTRACT

A HIV-specific fusion polypeptide, comprising (a) one or more domains which comprise a cellular co-receptor protein, or a fragment, derivative, or functional equivalent thereof; (b) one or more domains which comprise a cellular receptor protein, or a fragment, derivative, or functional equivalent thereof; and optionally (c) a multimerizing component, and (d) one or more domains of a viral protein, or a fragment or derivative thereof. In specific embodiments, the HIV-specific fusion protein is a multimer capable of binding an HIV particle, and is useful for the treatment of HIV infections.